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The central concept in VPI is the virtual processor (VP). VPs are special Linux kernel

threads that provide an execution context for user-level threads. ...

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Despite an increasing need for thread support in language run-time ... The Virtual Processor

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The software interrupt implementation uses an asynchronous event list managed by

each virtual processor. This list is scanned on each kernel and user level ...

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Typically one kernel thread per processor (virtual processor). User-level thread blocks, so

does kernel thread: processor idle; More kernel threads ...

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The mapping of user threads to kernel threads occurs by means of a pthreads-library implicit

entity called a "virtual processor" (VP), which acts for a user ...

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target cthread is already attached to a virtual processor (kernel thread). This happens when

the num- ber of kernel threads is not adequately limited. ...

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The mapping of user threads to kernel threads is done using virtual processors. A virtual

processor (VP) is a library entity that is usually implicit. ...

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Use Kernel Thread(s) as Virtual (Multi-)Processor. Kernel Support for User-Level Threads

on ... extra kernel thread. Dispatcher Code on Virtual Processor: ...

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So, in concrete terms, if you link your program without enabling multiple kernel threads, then

DECthreads will create only one virtual processor; however, ...

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2.3.4 Kernel Interface User-level runtime systems use kernel threads as virtual processors, assuming an equivalence of physical and virtual processor. ...

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